

Pfeiffer, Jane K - DNR

From: Robert Reineke <rreineke@ksinghengineering.com>
Sent: Sunday, June 18, 2023 6:03 PM
To: Pfeiffer, Jane K - DNR
Cc: Shane LaFave; Pratap Singh; Angy Singh
Subject: Community Within the Corridor - West Block - Field Testing Data
Attachments: CWC WB GC and DP Data from Buildings 6, 7, 8A, and 8B.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Jane,

Commissioning for the West Block was performed from June 5, 2023 until Friday, June 16, 2023 when the last passive sampler was picked up. Three passive samplers were lost in Buildings 6, 7, 8A, and 8B and the Outdoor Air Background Sample also was missing. The commissioning was unable to be completed on Buildings 4 and 5 and we'll be looking to reschedule.

Please find the field data attached including portable GC results from every residential unit on the ground floor of Buildings 6, 7, 8A, and 8B. No VALs were exceeded in any residential unit. We had an elevated reading by the first floor elevator lobby which we retested several times. After two subsequent tests showed no VAL exceedances, we placed an additional passive sampler in the elevator lobby to assess whether it was an anomalous reading or not. We will provide you the passive sampler result when we receive it and we're implementing measures that we believe will provide assurance against a repeat in the event it wasn't anomalous.

Please let us know if you have any questions. Thanks.

Robert Reineke, PE

Senior Engineer | rreineke@ksinghengineering.com

262.821.1171, ext. 111 (p) | 262.821.1174 (f)

www.ksinghengineering.com

KSingh | Engineers
Scientists
Consultants



CWC-West Block Commissioning Buildings 6, 7, 8A, and 8B**Differential Pressure Measurements**

Date:		Measurerer:	Samuel Ramirez
Point	Date	Differential Pressure (inches H2O)	Notes:
SVP-1	6/5/2023	-0.067	
SVP-2	6/5/2023	0	Near Outer Wall
SVP-3	6/7/2023	-0.12	
SVP-4	6/7/2023	-0.115	
SVP-5	6/7/2023	-0.205	
SVP-6	6/7/2023	-0.209	
SVP-7	6/6/2023	-0.046	
SVP-8	6/6/2023	-0.015	
SVP-9	6/5/2023	-0.012	
SVP-10	6/5/2023	-0.033	
SVP-10A	6/5/2023	0	Near Outer Wall
SVP-11	6/5/2023	0	Near Outer Wall
SVP-12	6/6/2023	-0.097	
SVP-13	6/6/2023	-0.033	
SVP-14	6/5/2023	-0.057	
SVP-15	6/6/2023	-0.033	
SVP-16	6/5/2023	-0.053	

CWC West Block Commissioning - Buildings 6, 7, 8A, and 8B

GC Testing

Collector / Analyzer: Sameer Neve, Ph.D., ENV SP

ID	Unit	File No.	Date	Time	PCE (ug/m ³)	TCE (ug/m ³)	Notes:
GC-6-Basement	Basement	193	6/5/2023	16:17	ND	1.40	
GC-6-01A	Storage	190	6/5/2023	15:52	ND	0.00	
GC-6-01B	Stair	191	6/5/2023	16:01	ND	1.80	
GC-6-01C	140	235	6/6/2023	14:19	ND	1.10	
GC-6-01D	139	234	6/6/2023	14:11	ND	0.60	
GC-6-01E	Stair	192	6/5/2023	16:09	ND	1.50	
GC-7-01A	146	231	6/6/2023	13:40	ND	0.50	
GC-7-01B	138	224	6/6/2023	11:04	ND	0.50	
GC-7-01C	137	223	6/6/2023	10:54	ND	0.40	
GC-7-01D	147	227	6/6/2023	12:08	ND	1.40	
GC-7-01E	136	222	6/6/2023	10:45	ND	0.50	
GC-7-01F	148	228	6/6/2023	12:17	ND	1.00	
GC-7-01G	135	221	6/6/2023	10:37	ND	0.40	
GC-7-01H	149	232	6/6/2023	13:48	ND	0.45	
GC-7-01I	151	233	6/6/2023	13:58	ND	1.00	
GC-7-01J	132	220	6/6/2023	10:29	ND	0.40	
GC-7-01K	131	219	6/6/2023	10:21	ND	0.30	
GC-7-01L	130	218	6/6/2023	10:13	ND	0.40	
GC-7-01M	Stair	194	6/5/2023	16:37	ND	1.10	
GC-7-01M	Stair	198	6/5/2023	16:37	ND	0.00	
GC-8A-Basement	Basement	212	6/6/2023	9:12	ND	0.70	
GC-8A-01A	105	197	6/5/2023	17:01	ND	0.90	
GC-8A-01B	107	261	6/7/2023	14:54	ND	1.00	
GC-8A-01C	115	262	6/7/2023	15:36	ND	0.90	
GC-8A-01D	111	229	6/6/2023	13:54	ND	0.70	
GC-8A-01E	113	213	6/6/2023	9:33	1.5	0.80	
GC-8A-01G	120	236	6/6/2023	16:06	ND	0.90	
GC-8A-01H	Elevator Lobby		6/6/2023	12:25	ND	0.46	
GC-8A-01I	Stair	207	6/6/2023	8:08	ND	0.52	
GC-8A-01J	Stair	208	6/6/2023	8:18	ND	0.60	
GC-8B-01A	128	217	6/6/2023	10:05	ND	0.70	
GC-8B-01B	127	214	6/6/2023	9:41	ND	0.40	
GC-8B-01C	124	215	6/6/2023	9:49	ND	0.70	
GC-8B-01D	123	216	6/6/2023	9:57	ND	0.50	
GC-8B-01E	122	237	6/6/2023	16:15	ND	0.60	
GC-8B-01F	Stair	211	6/6/2023	9:04	ND	0.80	
GC-6-02A	Stair	209	6/6/2023	8:37	ND	0.40	
GC-7-02A	Stair	210	6/6/2023	8:46	ND	0.80	
GC-8A-02A	Stair	204	6/5/2023	18:07	ND	0.40	
GC-8A-02B	Elevator Lobby	199	6/5/2023	17:23	ND	0.00	
GC-8A-02C	Stair	200	6/5/2023	17:30	ND	0.00	
GC-8B-02A	Stair	195	6/5/2023	16:46	ND	0.90	
GC-8A-03A	Stair	203	6/5/2023	17:59	ND	0.70	
GC-8A-03B	Elevator Lobby	201	6/5/2023	17:37	ND	0.00	
GC-8A-03C	Stair	202	6/5/2023	17:46	ND	0.00	

CWC West Block Commissioning - Buildings 6, 7, 8A, and 8B

GC Testing

Collector / Analyzer: Sameer Neve, Ph.D., ENV SP

ID	Unit		Date	Time	PCE (ug/m ³)	TCE (ug/m ³)
GC-8A-01H	Elevator Lobby*		6/5/2023	16:53	ND	5.3
GC-8A-01H	Elevator Lobby*		6/6/2023	7:44	ND	0.0
GC-8A-01H	Elevator Lobby*		6/6/2023	12:25	ND	0.46

*Additional passive sampler installed.